

Title (en)
Diamond Disc

Title (de)
Diamantenplatte

Title (fr)
Disque diamanté

Publication
EP 1944126 A1 20080716 (EN)

Application
EP 08005472 A 20031218

Priority

- EP 03780867 A 20031218
- JP 2002367807 A 20021219
- JP 2003142892 A 20030521
- JP 2003185289 A 20030627

Abstract (en)
A grinding diamond disc (1) is disclosed which is circular in a front view, has a mounting hole (3) formed in a center region of a disc surface thereof, and comprises a protruding portion (1D) formed at its peripheral edge and configured to protrude forward and backward, wherein diamond grains (2) are bound on the protruding portion intermittently. The outer peripheral edge of the protruding portion may be rounded in a cross-sectional view.

IPC 8 full level
B24D 5/12 (2006.01)

CPC (source: EP)
B24D 5/12 (2013.01); **B28D 1/121** (2013.01); **B29B 2017/0476** (2013.01); **Y02W 30/52** (2015.05); **Y02W 30/62** (2015.05)

Citation (applicant)

- JP H06210571 A 19940802 - HILTI AG
- JP 2000167774 A 20000620 - TOHO TITANIUM CO LTD, et al

Citation (search report)
[X] DE 4243017 A1 19940623 - HILTI AG [LI]

Citation (examination)

- JP 2002103325 A 20020409 - HITACHI METALS LTD
- DE 29814668 U1 19981126 - HENN KURT [DE]
- JP H06238568 A 19940830 - ASAHI CHEMICAL IND

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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